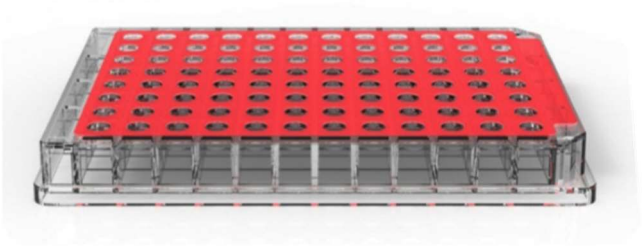
For general laboratory use

SWISSCI

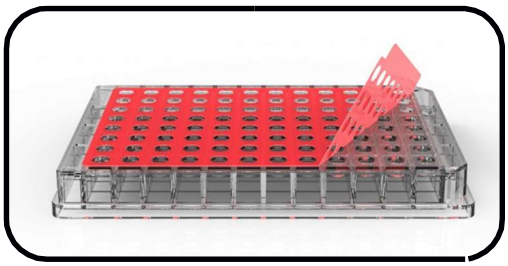
DIALYSIS: DIAPLATE ™ 96 EXPERIMENT 3.2µl CAPACITY DIALSYSERS

INSTRUCTIONS FOR USE:

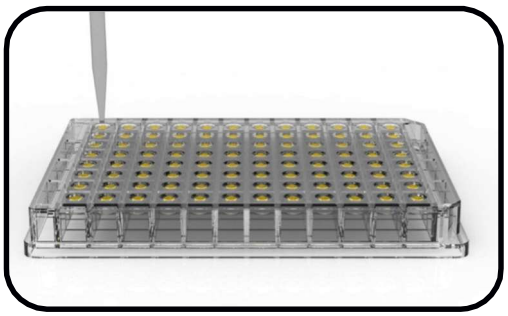


Comprising: Dialysis Plate with 200 Micron Pressure Adhesive Spacer, 200 Micron UV Cover Film with protective 10 micron surface film, engraved UV Screen Solution Cover and a sealing paddle. The regenerated cellulose membrane used on the Dialysis Plate has a molecular weight cut of 10,000 Daltons.

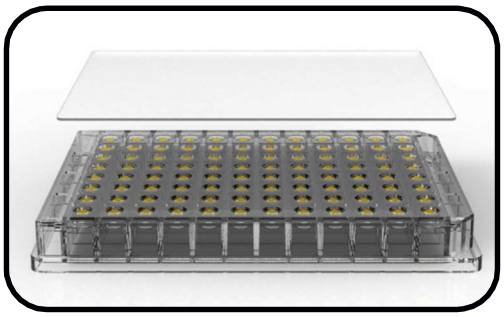
Step 1.
Peel back and remove the red adhesive cover tape from the 200 Micron Pressure Adhesive Spacer, ready for sample addition.



Step 2.
Load up to a maximum of 3200 nanolitres (up to 3.2µl) protein into each well.



Step 3.
Position the 200 Micron UV Cover Film onto the 96 wells and check integrity. N.B. Please ensure the protective film is facing up.



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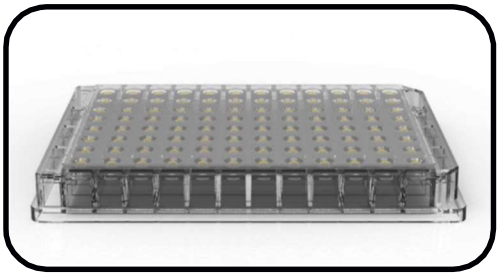
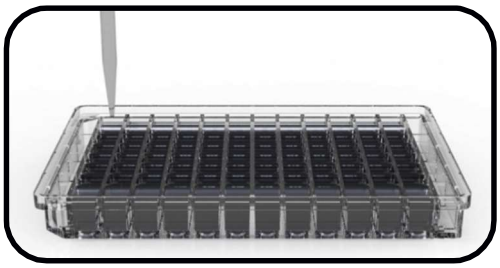
INSTRUCTIONS FOR USE CONTINUED:

Step 4.
Use Paddle to press down over the UV Cover Film to activate and seal the pressure adhesive.

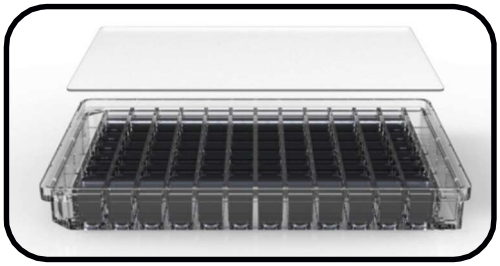


Step 5.
Invert plate as shown, keeping the cut corners to the left.
Load up to maximum 0.35ml of dialysis solution into each of 96 square wells.



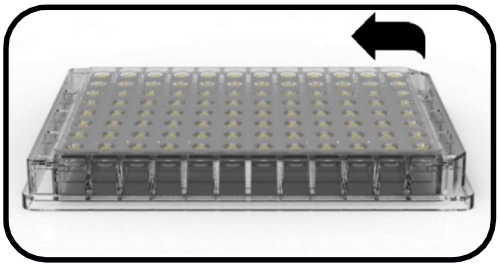
Step 6.
Place the engraved UV Screen Solution Cover on top as dust protection during dialysis, place on rocking table if required.

Ensure that the indication of wells is in the correct orientation.



Step 7.
After dialysis pour off the dialysate solutions, remove protective film from the 200 Micron UV Cover Film, invert and inspect for crystals.
Crystals may be cut out for analysis.

If stepwise pH change is being conducted add new reagents and repeat as required.



NB. If experiment is to run for several days evaporation may occur. In this case please place in an outer plastic bag or humidification chamber.

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